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22154 U.S. PTO
10/632717
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August 1, 2003

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBJECT: "BOREHOLE NAVIGATION SYSTEM" DR-356J

Dear Sir:

Enclosed is a patent application including formal papers as follows:

Applicants: Michael E. Ash and Richard T. Martorana

Title: BOREHOLE NAVIGATION SYSTEM

No. Pages Specification: 38; Claims: 13; Abstract: 1; Drawings: 10; Combined
Declaration and Power of Attorney: 1.

Filing Fee Calculation

Basic Fee: \$ 375.00

Additional Fees:

Total number of claims in excess
of 20: 25 x \$9.00 \$ 225.00

Number of independent claims in
excess of 3: 4 x \$42.00 \$ 168.00

TOTAL FILING FEE: \$ 768.00

EXPRESS MAIL CERTIFICATE NO. EL 982225095 US

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Applicant hereby claims the benefit of U.S. Provisional Application Serial No. 60/442,879, filed on January 27, 2003; and of U.S. Provisional Application Serial No. 60/400,465, filed on August 1, 2002.

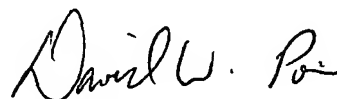
A check in the amount of \$768.00 for the filing fee for a small entity is enclosed. If any payment during prosecution is found to be incorrect, please charge any deficiency or credit any overpayment to my Deposit Account 09-0002. A copy of this letter is enclosed for use by the Finance Branch in the event that it is necessary to make any charge or credit to my deposit account.

If for any reason this APPLICATION is found to be incomplete, or if at any time it appears that a telephone conference with counsel would help advance prosecution, please telephone the undersigned or his associates, collect in Waltham, Massachusetts, at (781) 890-5678.

In addition, pursuant to Rule 1.136(a)(3), the office is hereby authorized to treat any future reply requiring an extension of time as incorporating a request therefor. Also, any request or Petition for an Extension of time notwithstanding an inadvertent reference in the Petition to a shorter period of time is to be treated as requesting the appropriate length of time.

Kindly acknowledge receipt of the foregoing by returning the enclosed self-addressed postcard.

Sincerely,



David W. Poirier
Reg. No. 43,007

DWP:wj
Enclosures

CERTIFICATE OF EXPRESS MAILING

I hereby certify that the attached correspondence is being deposited with the United States Postal Service, Express Mail Certificate No. EL 982225095 US, in an envelope addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 1, 2003


Wynne D. Janis